



Yes, you can.®

TDX™ Series

Including:

- Formula™ PTO™
Invisible Super Low™ and
TRE Powered Seating
- MK6i™ Electronics











Anything else is a compromise.™

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TDX – Total Driving eXperience Core Technologies & Key Features

Core Technologies		
		<p>Built on the MK5™ platform, MK6i™ electronics make programming intuitive and set-up a breeze.</p>
		<p>Center-wheel drive offers the tightest turning radius possible, as well as improved tracking and ease of driving, over our other configurations.</p>
		<p>This patented automatic system ensures that everyday obstacles and thresholds are handled elegantly for a smooth ride.</p>
		<p>An important issue with more maneuverable chairs is stability. This patented technology helps ensure that the chair remains stable with the consumer in control.</p>
		<p>The benefits of TT to switch drivers and those with marginal control have been proven, making these consumers more successful and efficient drivers.</p>
Key Features		
		<p>Traction Control Design increases the overall weight distribution on the center drive wheels. This improves the overall traction in forward and reverse and allows the TDX to climb up to a 1" obstacle from a deadstop in reverse.</p>
		<p>Seat frame is adjustable in width and depth within a range to accommodate changing consumer needs while maintaining the same seat pan.</p>

Gearless-Brushless GB™ Motor

Invacare's GB motors are not only a key component of the TrueTrack technology, the design is 75% efficient resulting in 17% more battery range than Invacare's 4-pole motors. Battery range is an important feature for active users and users requiring powered seating systems.

TrueTrack Technology

The patented TrueTrack technology features GB motors and motor controller. This feature helps keep the power wheelchair on a true forward path – even on many slopes, thresholds and uneven terrains. TrueTrack minimizes the need for veer correction, diminishing fatigue for joystick and switch drivers.

TrueTrack Technology is beneficial for the client for the following reasons:

- As the power wheelchair holds a truer course, the driver needs to make fewer course corrections. This makes driving more efficient by reducing the necessary amount of movement. Reducing the required movement can increase overall speed (i.e. the client may be able to move down a hallway faster, as less compensatory movements are required), decrease fatigue, and promote safety/independence while driving, because the chair is not pulled off course. This is true for drivers using a proportional control as well as a digital or non-proportional system.
- This feature is critical for clients who fatigue easily, as less compensatory movements are required.
- This feature also is critical for clients who use a non-proportional or digital access method (i.e. a head array with proximity switches or pneumatic sip-n-puff controls). Driving with switches can be very tedious and inefficient. Making frequent course corrections significantly increases the effort, time and energy required. Fewer course corrections translates to a more efficient, safer driver.



You wanted one chair that does it all
for your clients. Will three be okay?

TDX Series Power Wheelchairs		
		
TDX5	TDX4	TDX3
<p>The TDX5 comes standard with all five core technologies. This product was designed to meet the needs of the most challenging and demanding clients today and will continue to meet their needs as they change over time.</p> <p>Standard Features</p> <ul style="list-style-type: none"> • TT® TrueTrack Technology, up to 400 lb. weight capacity and a top speed of 7.5 mph • MK6i™ electronics with the MK6TT controller and MPJ™+ driver control • Adjustable ASBA Rehab Seat • Accepts two Group 24 batteries or three 22NF batteries if a ventilator back-up battery is needed <p>Optional Features</p> <ul style="list-style-type: none"> • Transport Tie-Down Options 	<p>The TDX4 comes standard with four core technologies. This product is the mid-range model of the TDX line. This model is esigned to meet the needs of many rehab consumers today and allows additional technologies to be added over time.</p> <p>Standard Features</p> <ul style="list-style-type: none"> • Reliable 4-pole motor package with 300 lb. weight capacity and a top speed of 6.5 mph • MK6i electronics with the MK690 controller and MPJ+ driver control • Adjustable ASBA Rehab Seat • Accepts two 22NF or Group 24 batteries or three 22NF batteries if a ventilator back-up is needed <p>Optional Features</p> <ul style="list-style-type: none"> • Transport Tie-Down Options • TT TrueTrack technology, up to 400 lb. weight capacity and top speed of 7.5 mph • Heavy-duty 4-pole motor package with 400 lb. weight capacity and top speed of 5 mph 	<p>The TDX3 comes standard with four core technologies. This product is the well appointed economy model of the TDX series. Any number of options can be easily added to the TDX3's standard configuration.</p> <p>Standard Features</p> <ul style="list-style-type: none"> • Reliable 4-pole motor package with 300 lb. weight capacity and a top speed of 6 mph • MK6i electronics with the MK690 controller and SPJ™+ driver control • Adjustable ASBA Rehab Seat • Accepts two 22NF or Group 24 batteries or three 22NF batteries if a ventilator back-up battery is needed <p>Optional Features</p> <ul style="list-style-type: none"> • Transport Tie-Down Options • TT TrueTrack technology, up to 400 lb. weight capacity and a top speed of 7.5 mph • Heavy-duty 4-pole motor package with 400 lb. weight capacity and a top speed of 5 mph

All models come standard with SureStep® suspension, Stability Lock and TCD™ Traction Control Design.

Center-Pivot Style



70STAPER



70NTAPER

Pin-and-Saddle Style



PHW93

Footplate Options



1. Extra large – 1350
2. Angle-adjustable – AT5543
3. Standard composite – 1651

Elevating Center-Pivot Style



Elevating – AT5544
(with extra-large footplate – 1350)

Power Elevating Legrests



Power elevating legrests feature anti-rotational footplate design, actuator built into the legrests, low-profile mounting, easy swing-away and disconnect.

Rigging Accessories



1. Calf strap – 1337
2. Heel loop with ankle strap – 1600BK
3. Extensions – ALPT



Center mount rigging provides excellent 90° foot positioning for tight hamstrings.



Allows for in-the-field knee angle adjustment from 90° to 60°.

Center Mount Rigging

- Incorporating the gear mechanism from the Invacare® Solara®, the new center mount rigging features an in-the-field knee angle adjustment from 90° to 60° in 2° increments
- Lever release allows rigging to swing back for transfers
- Individual knee-to-heel length adjusts with anti-rotational footplate design
 - ASBA - 12.25" to 15" and 16" to 18.75"
 - Junior - 9.25" to 12"
- Planar and dorsi flexion adjustment is built into the standard footplate
- Footplate has a slight ridge to maximize foot area while assisting with foot placement

The TDX is not just for adults!

Intuitive, Successful Driving

With seat sizes starting at 12" wide x 12" deep, combined with fun, recreational frame styling, the TDX offers the technology, durability and flexibility that a pediatric consumer needs. There are two technologies that make the TDX ideal for pediatric driving: center-wheel drive and MK6i™ electronics. Center-wheel driving is a more natural and intuitive way of moving, one that's ideal for new drivers. With "on a dime" turning, consumers know that if they clear their feet, they've cleared the rest of the chair.



Features

- Junior size adjustable ASBA seat frame is adjustable in width and depth and can be easily replaced by an adult-sized seat frame
- Seat frame can be adjusted in width from 12" - 16" and in depth from 12" - 18"
- Formula™ Powered Seating Systems available as small as 16" x 16", some models available with ventilator tray
- MK6i electronics offer the most customizable power chair controls available for pediatrics

Options for everyone's comfort.

The TDX power chair was engineered to avoid the compromising that can occur when powered seating systems are combined with traditional power bases. Thanks to the design of the TDX base, the addition of powered seating is practically invisible to the base. The combination of center wheel drive and Stability Lock allows all seat depths and vent options to interface with one base length—which means no more short and long bases, no more compromising.

Formula Powered Seating



Formula PTO Plus

Available on the TDX Series, Pronto® M91™ and Pronto M71™ bases

- Economy Tilt Only
- Center-of-Gravity Shifting Technology

Formula Invisible Super Low™ Tilt

Available on the TDX Series bases

- Low Seat-to-Floor height of 16.5"
- Center-of-Gravity Shifting Technology

Formula TRE

Available on the TDX Series bases

- Two Seating Styles Available:
 - Conventional
 - Contoura
- Six Powered Seating Combinations:
 - Tilt only
 - Recline only
 - Elevate only
 - Tilt/Recline
 - Tilt/Elevate
 - Tilt/Recline/Elevate



Invacare's Formula TRE powered seating system, available on the TDX, raises Invacare's powered seating systems to a new level by offering Tilt, Recline, Tilt/Recline, and also the option of Elevate, Tilt/Elevate, and Tilt/Recline/Elevate. The TRE was engineered to integrate seamlessly onto the most revolutionary base from Invacare—the TDX.



Formula Power Tilt.



Formula Power Recline.



Formula Power Tilt and Recline.

Formula Power Tilt

The Formula Tilt enhances comfort through independent positioning with optimal pressure relief. Drive lock-out is achieved at 20° of tilt for safety.

Features

- Tilt range of 0° - 55° or 5° - 60°
- 18" seat-to-floor height
- Conventional or Contoura™ Seating
- 300 lb. or 400 lb. weight capacity (base dependent)
- Standard with round canes on Conventional seating

Formula Power Recline

Utilizing a simplified one actuator design, the Formula Recline system has three inches of mechanical shear reduction for independent positioning and pressure relief.

Features

- Recline range of 170°
- 18" seat-to-floor height
- Conventional or Contoura Seating
- 300 lb. or 400 lb. weight capacity (base dependent)
- Mechanical shear reduction of 3" is based on a t-slot channel design for interfacing of after-market custom backs, while maintaining shear reduction
- Power elevating legrests and ventilator tray can be added at any time

Formula Power Tilt and Recline

The Formula Tilt and Recline system combines the pressure relief and positioning benefits of both tilt and recline.

Features

- Tilt range of 0° - 55° or 5° - 60°
- Recline range of 170°
- 18" seat-to-floor height
- Conventional or Contoura Seating
- 300 lb. or 400 lb. weight capacity (base dependent)
- Mechanical shear reduction of 3" is based on a t-slot channel design for interfacing of after-market custom backs, while maintaining shear reduction
- Power elevating legrests and ventilator tray can be added at any time



Formula Power Elevate.

Formula Power Elevate

The Formula Elevate is designed to provide consumers with improved independence and assistance to perform daily living activities, such as transfer assistance or access to items that otherwise would be out of reach.

Features

- 7" elevate range
- 18" seat-to-floor height
- Traditional rehab seating (ASBA)
- 300 lb. weight capacity
- Speed inhibit feature reduces the speed of the chair to 20% of maximum while elevated



Formula Power Tilt with Elevate.

Formula Power Tilt with Elevate

The integration of the Formula Tilt with Elevate gives consumers the independence they seek and provides the function they need with transfer assistance, pressure relief and positioning benefits.

Features

- Tilt range of 0° - 55° or 5° - 60°
- 7" elevate range
- 18" seat-to-floor height
- Conventional or Contoura™ Seating
- 300 lb. weight capacity
- Speed inhibit feature reduces the speed of the chair to 20% of maximum while elevated
- Standard with round canes on Conventional seating



Formula Power Tilt, Recline and Elevate.

Formula Power Tilt, Recline and Elevate

The Formula Tilt, Recline and Elevate provides a multi-functional solution for consumers who need these combined benefits. This system provides independence, transfer assistance, pressure relief, and positioning benefits making this an appealing option.

Features

- Tilt range of 0° - 55° or 5° - 60°
- Recline range of 170°
- 7" elevate range
- 18" seat-to-floor height
- Conventional or Contoura Seating
- 300 lb. weight capacity
- Speed inhibit feature reduces the speed of the chair to 20% of maximum while elevated

Designed with simplicity in mind, an adjustable seat frame is the foundation of the Formula TRE. In order to accommodate changing consumer needs efficiently, the TRE offers both width and depth adjustment while maintaining the same seat pan for each range. There are two TRE seating options available, including Conventional Seating and Contoura™ Seating.



Conventional

- Three-panel back design
- Width ranges from 16" - 20" and 20" - 24"
- Depth ranges from 16" - 19" and 20" - 22"
- Fixed back heights available from 16" - 26"



Width is adjustable in 1" increments through a telescoping design.



Depth adjustment within the range is based on channel design.



Contoura

- Widths available in 16", 18", 20", 22" and 24"
- Depths available in 16" - 22"
- Depth is adjustable
- Back heights available in 25" or 29.5"



Power Elevating Center Mount.

Power Elevating Center Mount

Maximizing maneuverability while providing a range of adjustments, the new Power Elevating Center Mount is the ideal selection for any of the TRE options on the TDX base.

Features

- Individual knee-to-heel length adjustment
- Planar and dorsi flexion adjustment is built into the standard footplate
- Articulating and elevating design
- Elevation range 90° - 25°



Ventilator Tray.

Ventilator Tray Option

The articulating ventilator tray was designed to accommodate a wide variety of ventilators, including the Puritan-Bennett® LP10 and LP8. Securely held with four links, the tray articulates to clear the base when tilting or reclining, all while keeping the ventilator level.

Features

- Compact design translates into minimal increase of turning radius
- Can be retrofitted at any time to the Formula TRE seating systems, with no need to change base length or seat location
- Reduces weight capacity by 50 lb.
- Not available with elevate options



Vent Battery Arrangement.

Vent Battery Arrangement

- The positioning of the ventilator back-up battery is easily solved on the TDX™ base: when a ventilator is added to the TDX, the battery arrangement allows three 22NF batteries. This places the ventilator battery in front of the battery compartment for easy recharging
- A fused harness is provided from the battery to the rear of the chair, terminated with standard Anderson connectors, for simple interfacing with the ventilator harness
- Please consult ventilator manufacturer for proper charging of the back-up battery, as the power chair charger will not charge a third battery
- Deep-dish door, longer tray and harness are all that is needed to add this option to the TDX base

Ideal access for everyday environments.

The Invisible Super Low Tilt on the TDX enables consumers to achieve a seat-to-floor height of only 16.5 inches, creating ideal access for everyday environments, such as furniture, desks and vans. The seating system is integrated seamlessly with the base in a way that makes it appear to be a standard seat, virtually eliminating the bulk usually associated with comparable seating systems. The Invisible Super Low Tilt also provides easy access to batteries, which can be serviced without removing the tilt system frame.



Features

- Tilt range of 0° - 55° or 5° - 60°
- 16.5" seat-to-floor height
- Adjustable ASBA Rehab seat that is adjustable in width and depth within a range to accommodate changing consumer needs while maintaining the same seat pan
- Curved ABS back
- 300 lb. weight capacity



The actuator is integrated into the base and can be easily removed for battery servicing.

The tilt-only choice that offers you value and more.

The Invacare Formula PTO Plus (Power Tilt Only) is designed for active consumers who require a basic tilt for positioning and pressure relief. The PTO Plus is available on the Pronto® M71™ and M91™ and the TDX™, while still maintaining sleek style, indoor and outdoor maneuverability and a tight turning radius. With the features of the PTO Plus on the M71, M91 and TDX, consumers are offered the powered tilt they need on the bases they want.



Features

- Tilt range of 0°- 55° or 5°- 60°
- 18" seat-to-floor height
- Adjustable ASBA Rehab seat that is adjustable in width and depth within a range to accommodate changing consumer needs while maintaining the same seat pan
- Curved ABS back
- Up to 275 lb. or 375 lb. weight capacity (base dependent)



Invacare MK6i Electronics

MK Series electronics are the benchmark in power wheelchair electronics. This is the result of years of experience in the design and manufacture of these electronics specifically for the needs of wheelchair users.

MK6i electronics take the MK Series to the next level by offering features that are easier to use than any other MK Series electronics system. Advantages of MK6i include:

- Based on the MK5™ programming logic, so users don't need to learn a new system
- Reduced set up and programming time with the memory card feature
- Improved simplicity with universal connectors
- Better information for programmers and technicians



SPJ+ Basic Joystick



MPJ+ Rehab Joystick



Personal Switch Rehab Joystick



Standard Features

- Single Drive
- Push button on/off
- Push button up/down
- Push button horn
- LED battery & speed indicators
- Charger Port
- Quick disconnect cord

Optional Features for Powered Seating Applications

- 2 mono ports for operation of a single actuator control outside joystick (left for tilt or right for elevate)
- Mode button for operation of single actuator control through the joystick

Standard Features

- Four programmable drives
- Toggle on/off – drive select
- Speed control dial
- LCD backlit graphics
- Memory card reader
- Charger Port

Standard Features for Powered Seating Applications

- 2 standard programmable mono ports: remote on/off and emergency stop/mode or emergency stop/drive select
- Mode button for operation of powered seating functions through the joystick when multiple actuator control is installed

Standard Features

- Four programmable drives
- Customized switch type and placement
- Front or rear placement of inductive
- LCD backlit graphics display
- Memory card reader
- Charger Port

Standard Features for Powered Seating Applications

- 2 standard programmable mono ports: remote on/off and emergency stop/mode or emergency stop/drive select
- Mode button for operation of powered seating functions through the joystick when multiple actuator control is installed

MK6i Controllers

MK6i electronics take a different approach to expandability. Under previous electronic systems, the brain of the system was located in the controller so the “expandability” of the system was dependent upon the controller. In MK6i electronics, the controller drives the motors and the system memory is located in options such as the driver controls.



MK6i Memory Card

MK6i Display



MK6i Handheld Programmer



MK6i Universal Connectors



Egg Switch with 611 Mount

Standard Features

- Four programmable drives
- Attendant toggle on/off
- Large LCD backlit graphics display
- Memory card reader
- Charger Port

Standard Features for Powered Seating Applications

- 2 standard programmable mono ports: remote on/off and emergency stop/mode or emergency stop/driver select/single actuator control outside driver controller

Standard Features

- Large LCD backlit graphics display allows you to see all drives at once
- MK6i or MK5™ compatible
- Memory card reader
- “Info” key for programming definitions
- Programmer remains on until turned off or unplugged

Standard Features for Powered Seating Applications

- Powered seating programming is through the handheld programmer with MK6i™ system.



4-Way Toggle Switch
4-Way Switch Box
4-push Button Switch

Invacare® Transport Tie-Down Options

Invacare transport tie-down options have been tested to ANSI/RESNA WC Vol. 1 Section 19 and go beyond the traditional “securement” brackets on other wheelchair designs. The transport tie-down options include four tie-down locations that have been crash-tested and are clearly marked for the caregiver to see. The options also include a battery securement system that prevents batteries from becoming dislodged in the case of an accident.



Invacare order forms will include two transport tie-down selections, TRRO* and TRBKTS.** All Invacare wheelchairs with TRRO have been tested and passed the ANSI/RESNA W/C Vol. 1 Section 19 standard using a specific seating system and configuration. See order forms and the owners manual for more information.

* TRRO includes four factory-installed transport brackets and a wheelchair anchored pelvic belt. TRRO has been crash-tested in accordance with ANSI/RESNA W/C Vol. 1 Section 19 Frontal Impact Test requirements for wheelchairs with a 168 lb. crash dummy, which corresponds to a person with a weight of 114 to 209 lb.

** TRBKTS includes four factory-installed wheelchair transport brackets. TRBKTS has not been crash-tested in accordance with WC 19. Use these transport brackets only to secure an unoccupied wheelchair during transport.

As of this date, the Department of Transportation has not approved any tie-down systems for transportation of a user while in a wheelchair, in a moving vehicle of any type. It is Invacare's position that users of wheelchairs should be transferred into appropriate seating in vehicles for transportation and use be made of the restraints made available by the auto industry. Invacare cannot and does not recommend any wheelchair transportation systems.

ANSI/RESNA W/C 19 sec 6.2 Presale Literature Notification – TDX Series

- A. Minimum turning radius 23.2"
Minimum turn-around width 46.4"
- B. TDX5, TDX4, and TDX3 wheelchairs have a maximum length of 43.7" or 1110 mm, meeting the ADA definition of a common wheelchair and the minimum length requirements of lifts on public wheelchairs.
- C. Total wheelchair mass = 330 lb. (150 kg) TDX5
322 lb. (146 kg) TDX4
318 lb. (134 kg) TDX3
including front riggings, wheel locks, TRO brackets, wheelchair-anchored pelvic belt, and seating.
- D. Average lateral dummy displacement =
approximately .54" (13.8 mm) TDX5
approximately .54" (13.8 mm) TDX4
approximately .40" (10.1 mm) TDX3
- E. Overall Score = 20 Overall Rating = A TDX5
Overall Score = 20 Overall Rating = A TDX4
Overall Score = 17 Overall Rating = A TDX3
- F.
 - i. The TDX5 and TDX4 wheelchairs were sized to accommodate a 168 lb. test dummy (17"x17"x18" high and 14" Center-Wheel Drive tires.) The TDX3 wheelchair was sized to accommodate a 168 lb. test dummy (17"x17"x18" high and 12.5" Center-Wheel Drive tires.)
 - ii. The TDX5, TDX4, and TDX3 wheelchairs were tied down using four tie-down brackets – 2 brackets located on the front of the base frame and 2 brackets located on the rear of the base frame.
 - iii. The TDX5, TDX4, and TDX3 wheelchairs were tested with a 168 lb. test dummy.
 - iv. The TDX5, TDX4, and TDX3 wheelchairs tested used a wheelchair-anchored pelvic belt and vehicle-anchored shoulder belt.
 - v. The TDX5, TDX4, and TDX3 wheelchairs tested complied with the performance requirements of ANSI/RESNA W/C 19 sec. 5.3.
- G. For all types of vehicles, the TDX5, TDX4, and TDX3 require four SAE J2249-compliant tie-down strap assemblies for effective securement.
- H. The TDX5, TDX4, and TDX3 provide a location for anchoring of an Invacare-provided pelvic belt. This belt has been tested in accordance with ANSI/RESNA W/C 19.
- I. The wheelchair-anchored pelvic belt is supplied by Invacare.

TDX™ Specifications (Notice: Due to manufacturing variances, all dimensions and specifications may be ± .5" or ± 10%)

	TDX5	TDX4	TDX3
Standard TDX Technologies	MK6i™ electronics, SureStep® suspension Center-Wheel Drive, Stability Lock, TrueTrack technology	MK6i electronics, SureStep suspension Center-Wheel Drive, Stability Lock	MK6i electronics, SureStep suspension Center-Wheel Drive, Stability Lock
Optional TDX Technologies	-	TrueTrack technology	TrueTrack technology
Standard motor	TrueTrack HD	4-pole	4-pole
Optional motor upgrades	-	TrueTrack HD or Heavy-Duty 4-pole	True Track HD or Heavy-Duty 4-pole
Standard wheel size*	14" x 3"	14" x 3"	12" x 2.5"
* pneumatic tires are standard			
Weight Capacity			
4-pole	-	300 lb.	300 lb.
Heavy Duty 4-pole	-	400 lb.	400 lb.
TrueTrack HD	400 lb. or 300 lb.	400 lb.	400 lb.
Speed			
4-pole	-	6.5 mph	6 mph
Heavy Duty 4-pole	-	5 mph	5 mph
TrueTrack HD	7.5 mph	7.5 mph	7.5 mph
Standard battery tray	Two Group 24 batteries	Two Group 24 batteries	Two 22NF batteries
Battery options	Three 22NF with ventilator tray	Two 22NF or three 22NF with ventilator tray	Two Group 24 or three 22NF with ventilator tray
Standard electronics	MK6TT	MK690	MK690
Standard joystick	MPJ™+	MPJ+	SPJ™+

Formula™ Powered Seating Specifications for TDX (Notice: Due to manufacturing variances, all dimensions and specifications may be ± .5" or ± 10%)

	Formula TRE		Formula Invisible Super Low™ Tilt		Formula PTO Plus	
Weight capacity	300 lb. (elevate options), 400 lb. (HD 4-pole, TTHD)		300 lb.		275 lb. (4-pole motors), 375 lb. (HD 4-pole, TTHD)	
Seat-to-floor @ 0°	Low	Tall	Low	Tall	Low	Tall
	18"	19.25"	16.5"	n/a	18"	20"
Tilt range	0° - 55° 5° - 60°		0° - 55° 5° - 60°		0° - 55° 5° - 60°	
Recline range	90° - 170°		-		-	
Elevate range	7"		-		-	
Seat sizes*	Conventional*		Curved ABS		Curved ABS	
Width	16" - 24"		16" - 22"		16" - 22"	
Depth	16" - 22"		16" - 22"		16" - 22"	
*Formula TRE (only with Conventional seat style) seat sizes are adjustable in width and depth within a range in 1" increments						
Contoura™						
Width	16", 18", 20", 22", 24"		n/a		n/a	
Depth	16" - 22" in 1" increments		n/a		n/a	
Back height						
Conventional	20" - 26"		-		-	
Contoura	25" or 29.5"		-		-	
Curved ABS	-		16" - 24"		16" - 24"	
Overall height*						
Conventional (24" back)	41.5"		-		-	
Contour	46.5"		-		-	
Curved ABS	-		40"		42.25"	
* Does not include headrest						
Arm height						
Tilt/ASBA	9" - 13"		9" - 13"		9" - 13"	
Other	11" - 16"		11" - 16"		11" - 16"	
Product weight*						
With batteries	401 lb.		355 lb.		361 lb.	
* Product weight measured on a TDX5 with Group 24 Batteries without riggings						
Limited warranty						
Electronics/Actuator	12 months		12 months		12 months	
Seat frame	36 months		36 months		36 months	



Yes, you can.®

TDX™ with ASBA Seat Specifications (Notice: Due to manufacturing variances, all dimensions and specifications may be ± .5" or ± 10%)

Seat sizes*	
Width (adjustable)	12" - 24" Ranges: 12"-16", 16"-20", 20"-24"
Depth (adjustable)	12" - 22" Ranges: 12"-18", 16"-19", 19"-22"
* Seat sizes are adjustable in width and depth within a range in 1" increments	
Seat-to-floor height	
Low	16.5" @ 0°
Medium	18.5" @ 0°
Tall	20.5" @ 0°
	@ 5° adds .5"
Turning radius	
Center mount	22"
70NHD	24"
Overall height (@ low STF, 16" Back Height)	33.25"
Overall width	
Base	25" (TDX3/TDX5) 25.5" (TDX4)
Seat width to outside of joystick (16" width)	24.5"
Seat width to outside of joystick (20" width)	28.5"
Overall length	
Base (caster to caster trailing)	35.25"
Incline capability	9°
Curb climbing	3"
Back angle adjustment	85° to 105°
Arm height	9" - 13"
Product weight*	
With batteries	310 lb.

* Product weight measured on a TDX5 with Group 24 Batteries

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